



# भारत का राजपत्र

## The Gazette of India

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No. 43]

NEW DELHI, SATURDAY, OCTOBER 24, 1970 (KARTIKA 2, 1892)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित प्रबलूचनाएँ और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## PATENTS AND DESIGNS

Calcutta, the 24th October 1970

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

3rd October 1970

128671. Orissa Cement Limited. Refractory bricks and lining kilns with the said bricks.
128672. Orissa Cement Limited. Refractory bricks and constructing furnace roofs with said bricks.
128673. R. Bharos. New D. C. machine without commutator or rectifier.
128674. V. A. Altekar. An improved process for manufacture of zinc dust.
128675. Merck & Co., Inc. Suppositories.
128676. Beecham Group Limited. Organic compounds. (4th October 1969).
128677. Monsanto Company. N-azolyl sulfenamides.
128678. Universal Oil Products Company. Pivot mechanism for the tiltable seat of a chair. (4th October 1969).
128679. M & T Chemicals Inc. Novel process and compositions.
128680. Halcon International Inc. Preparation of beta-halogenopropionitriles.
128681. Aktieselskabet Niro Atomizer. A method for operating a rotating kiln plant for the production of cement as well as a plant for carrying out the method.

128683. Gould Inc. Methods for mounting battery plates.
128684. Council of Scientific and Industrial Research. A process for the manufacture of building bodies such as bricks, building blocks, roofing tiles and the like utilising fly ash, bottom ash of pulverised coal fired thermal power stations, ash from shales and washery rejects and/or sinks.

128685. D. B. Patel. A special type of moulds for foam rubber.

128686. S. S. Shah. Improvements in or relating to multi-purpose containers.

128687. Danfoss A/S. Air-treatment equipment.

5th October 1970

128688. K. K. Xavier. Improvements in or relating to railway passenger coaches.
128689. K. K. Xavier. An improved cartridge for a shot gun.
128690. Jitendra Nath Das. Device for transferring liquid from one container to another.
128691. Roll-Trim Co. A device for performing isometric physical exercises.
128692. The Dunlop Company Limited. Swaging tools. (9th October 1969).
128693. The Goodyear Tire & Rubber Company. Improvements in treads, pneumatic tires and a process for improving tire performance.
128694. Imperial Chemical Industries Limited. Packaging. (6th October 1969).
128695. Halcon International, Inc. Chemical process.
128696. American Cyanamid Company. Package for plural reactable components with rupturable ultrasonic seal.
128697. Envirotech Corporation. Scum skimming apparatus.

128682. Hem Nalini Bala. Metallic ball rolling mill.  
L297GI/70

128698. Sandoz Ltd. Improvements in or relating to organic compounds. (8th October 1969).
128699. Dr. C. Otto & Comp. G.m.b.H. Charging car for coke ovens.
128700. Swiss Aluminium Ltd. Vertical multiple continuous casting apparatus.
128701. British Steel Corporation. Method of producing a coated ferrous substrate. (21st September 1970). [Addition to No. 128635].
128702. Merck & Co., Inc. Process for the manufacture of pyrazinoic acid azides. [Divisional date 2nd April 1968].
128703. Amsted Industries Incorporated. Railway coupler head and method.
128704. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Colouring agent.
128705. V. T. Ingole and B. B. Bhargava. Capacitor regulator—for fans.
128706. Jaikrishin. Auto electric cradle.
- 6th October 1970
128707. Siddeshwar Sen. An invention for an apparatus for lifting water operated by a ram going down a closed cylinder.
128708. Siddeshwar Sen. An apparatus for lifting water operated by a ram going down a closed cylinder.
128709. T. M. M. (Research) Limited. Improvements in textile spinning machines. (13th October 1969).
128710. Shell Internationale Research Maatschappij N. V. Selective herbicides. (10th October 1969).
128711. Union Carbide Corporation. Porous metallic layer and formation.
128712. Imperial Chemical Industries Limited. A pneumatic device for forwarding filamentary material. (10th October 1969).
128713. Philips Morris Incorporated. Multiple blade razor.
128714. Stamicarbon N. V. Process and apparatus for coating granules with a thin dense layer.
128715. Uss Engineers and Consultants, Inc. Continuous-casting mold.
128716. Sumitomo Chemical Company, Ltd. Novel imidazolidinediones. [Addition to No. 124044].
128717. Dr. Tuhin Kumar Roy and Sunil Dey. An improved process for nickel and cobalt extraction from lateritic and limonitic nickeliferous ores.
128718. Beryl Alice Enid De Penning. A packing for bags filled with a liquid or other materials.
128719. Ciba Limited. New peptides and processes for their manufacture.
128720. The Upjohn Company. Organic process.
128721. Foseco International Limited. Hot topping of ingot moulds. (16th October 1969).
128722. Mitsubishi Denki Kabushiki Kaisha. Direct current power control system.
128723. Societe Fives Lille Cail, and Societe Des Appareils Dragon. Hammer type crusher.
- 7th October 1970
128724. American Home Products Corporation. Process for the preparation of substituted cyclopentanones and pharmaceutical compositions containing same. [Divisional date 13th January 1969].
128725. Imperial Chemical Industries Limited. Polymer solution. (10th October 1969). [Addition to No. 120815].
128726. Imperial Chemical Industries Limited. Polymer solution. (10th October 1969).
128727. C.E.R.P.H.A. (Centre European De Recherches Pharmacologiques) Phenoxyacetic acid derivatives.
128728. Investors In Ventures, Inc. Assemblies of precision-fitted relatively movable components and methods for manufacturing the same. (11th May 1970).
128729. Jhaveri Bros. & Co. Pvt. Ltd. A new device for producing gentle and melodious sounds during the opening and closing operations of doors of rooms, cabins, alimarahs, vehicles or the like.
128730. Siemens Aktiengesellschaft. Method of crosslinking polyolefins and olefin copolymers.
128731. Siemens Aktiengesellschaft. Improvements in or relating to arrangements for measuring the current in a high-tension conductor.
128732. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble asymmetric 2:1 chromium complex azo dyestuffs and process for their manufacture.
128733. Rohm and Haas Company. Process for the preparation of novel n-aryl pyrid-2-ones and compounds so prepared. [Divisional date 5th August 1968].
128734. Scm Corporation. Process for preparing b-hydroxyethoxy camphanes and the compounds so prepared. [Divisional date 24th February 1969].
128735. M. S. Furman. Method for multistage oxidation of cyclohexane.
128736. Veb Spinnereimaschinenbau Karl-Marx-Stadt Karl-Marx-Stadt, Alchemnitzer Str. Spinning or yarn spindle having neck and foot (or step) bearings.
128737. Gould Inc. Battery assembly systems.
128738. Nippon Kokan Kabushiki Kaisha. A manufacturing method of free-cutting lead steel.
128739. Sachindra Prasad Singh. Apparatus for removing fumes from a tank containing fume generating liquids such as in pickling and galvanising processes.
128740. The British Petroleum Company Limited. Improvements in or relating to processes and apparatus for the recovery of micro-organisms cultivated on a hydrocarbon substrate. (10th October 1969).
128741. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Herbicide.
128742. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic compositions on the basis of polyesters for injection-moulding purposes and a process for preparing them.
128743. P. Zimmer. Improvements in or relating to a roller.
128744. Immobiliare Sette S.r.l. Latisana-Colle Dell' Annunziata (Udine). A process for the production of absorbing substances for the removal of polluting liquids floating on the free surface of waters or forming a mixture therewith and product obtained by the process.
128745. Applied Aluminum Research Corporation. Process for the continuous production of aluminum.
128746. Montecatini Edison S.p.A. Process for the polymerization of vinyl chloride in a fluid bed reactor.

#### Alteration of Date

124671. The claim to priority date 2nd January 1969 has been disallowed and the application dated as of 1st January 1970, the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specifications is Rs. 2 (postage

extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

119225. K. P. Bhawe and V. N. Morgaonkar. An apparatus for protecting three phase operated electrical equipment from single phasing and/or over load. Accepted on 3rd October 1970.

*When single phasing occurs voltage available at the transistorised trigger circuit is insufficient to keep the switch "ON", and when over-loading occurs the voltage in the base of a transistor meant for protecting from overloading rises above the voltage across a diode in the trigger circuit.*

119235. A. Schoeller. Low bottle crates of synthetic material. Accepted on 30th September 1970.

*Comprising outer walls, a frame work including vertical framework walls crossing each other and forming a plurality of partitions, a bottom of said crate comprising web formations connected with said framework walls and having a plurality of openings smaller than the diameter of the heads of the bottles received in the crate.*

119260. The Dunlop Company Limited. Improvements in or relating to the manufacture of pneumatic tyres. (3rd January 1968). Accepted on 3rd October 1970.

*Premoulding tread elements of unvulcanised rubber composition with a generally arcuate radially inner surface, applying the elements end-to-end stage-to-stage on the radially outer surface of a carcass or breaker or rubber layer mounted thereon to form a complete tread and moulding and vulcanising the complete tyre.*

119280. M. C. Gaikwad. Modified lettering set. Accepted on 3rd October 1970.

*When tracing pin is moved in grooved letters or figures on template corresponding movement of pen or pencil is afforded by the pin and pen holding arm and guide pin at rear of scribbling gadget affords free movement of tracing pin and corresponding movement of scribbling pen.*

119281. D. K. Saini. Improvements in or relating to electric switch fuse combination unit. Accepted on 3rd October 1970.

*Housing has a partition wall in the middle dividing the housing into two compartments one for switch unit and the other for fuse unit, each compartment having its own cover, wherein cover of the fuse section cannot be moved when the switch-fuse is on as the kick plate lies in the slot of the partition wall and acts as a lock.*

119323. Shell Internationale Research Maatschappij N. V. Method of transportation solid particles as a slurry through a conduit. Accepted on 7th October 1970.

*Error signal proportional to difference between a signal proportional to special concentration and another signal proportional to transport concentration of slurry pumped through conduit applied to control speed of pump.*

119542. The Gillette Company. Razor blade. Accepted on 5th October 1970.

*Razor blade having on its cutting edge an adherent, solid water-resistant coating comprising a polyalkylene ether or polyperfluorocarbon ether polymer.*

119661. Siemens Aktiengesellschaft. A switching arrangement suitable for transformer on-load tap changing. Accepted on 5th October 1970.

*Comprising a change-over contact member and two vacuum switches wherein the said member is*

*adapted to pass through an intermediate position in which both switches are closed.*

120106. Alcan Aluminiumwerke GmbH. Improvements in or relating to liquid fuel storage tank installations. Accepted on 3rd October 1970.

*A tank, a discharge duct connected with a burner and is arranged at the lowest point of the tank.*

120414. Agripat S. A. New herbicidal s-triazine derivatives, processes for the production thereof and herbicidal compositions containing the same. Accepted on 19th September 1970.

*Comprises reacting a 2-chloro-s-triazine with an alkali metal alide in the presence of a base.*

120585. Rodio Foundation Engineering Ltd., and Hazarat & Co. Large diameter bored piles for marine structures. Accepted on 27th September 1970.

*Comprising driving a first liner to a depth below the bed level of the river or the like, continuing the boring until founding strata is reached, lowering a second casing into the firstliner so as to rest on the founding strata with an overlap between the upper end of the second casing and the lower end of the liner, forming a concrete plug at the bottom of the bore, filling the annular space between the bore and the casing and between the casing and the inner with grout from grouting pipes provided in the casing, lowering reinforcement cage into the bore and concreting the bore.*

120595. Director, Indian Institut of Technology, Bombay, G. Venkataraman, and G. Santhanam. A switching device for dynamic optimum setting of industrial controllers with logical circuit. Accepted on 28th September 1970.

*Comprises an assembly of three parts (1) a set point disc, (2) a realiser disc (3) a parameter sensor, electrical contacts of parameter sensor being connected in series with an electro-magnetic relay to supply mains for control actions.*

120621. Gevaert-Agfa N. V. Apparatus and method for processing sheet copying material. (7th May 1968). Accepted on 30th September 1970.

*Apparatus comprising a container for solvent, separable sheet handling members located in the container, at least one of such members having a resilient porous surface for frictionally rubbing one side of said sheet, and a pair of rollers located above the level of the body solvent in the container.*

120639. Sandoz Ltd. Process for preparing phosphoric acid esters and compositions containing the same. (2nd April 1968). Accepted on 30th September 1970.

*Process for the production of phosphoric acid ester which comprises reacting equimolecular amounts of halogenated acetoacetic acid amide and trimethyl or triethyl phosphite reacting a phosphoric acid chloride with the enol form of a substituted acetoacetic acid amide.*

120644. Taylor Tobacco Enterprises, Inc. Process for curing tobacco. Accepted on 30th September 1970.

*Comprises freezing, thawing and drying the tobacco.*

120694. Energy Sciences, Inc. A supersonic nozzle. Accepted on 30th September 1970.

*The invention relates to a supersonic nozzle for accelerating a subsonic stream to a supersonic velocity, comprising a gas conduit with an inlet and an outlet and a throat plane stabilizer intermediate thereof, said stream having an effective throat diameter  $D^*$  after choosing the inlet pressure  $P_i$  and outlet pressure  $P_o$  desired for said stream, said conduit having a minimum forming diameter  $D_f$  at least twice said  $D^*$ .*

120714. Imperial Chemical Industries Limited. Manufacture of bipyridylum salts and related compounds. (16th April 1968). Accepted on 3rd October 1970.

*Method of converting a 1, 1'-disubstituted-1, 1', 4, 4'-tetrahydro-4, 4'-bipyridyl to a 1, 1'-disubstituted-1, 1'-dihydro-4, 4'-bipyridyl which comprises treating the tetra-hydrobipyridyl with a dehydrogenating agent which is a metal or a metal oxide.*

120914. Joseph Lucas (Industrial) Limited. Bulb holder for capless bulbs. (18th April 1968). Accepted on 5th October 1970.

*Comprising an insulating body with pair of parallel bores fitted with a pair of conductive terminals and a recess to receive pinch of a capless bulb.*

120937. Compagnie De Saint Gobain. A covering for plane and curved surfaces. Accepted on 30th September 1970.

*Made of an insulating material shaped, at least on one of its faces, according to the surface to be covered, and of a plastic foil adhered to that face of the said material not in contact with the surface to be covered.*

121021. F. L. Smidth & Co. A/S. Heat exchanger. (24th April 1968). Accepted on 3rd October 1970.

*The shaft containing a continuous helical guide surface extending down through the shaft and forming a downwardly facing acute angle with the wall of the shaft.*

122000. E. M. Schaverien. Improvements in and relating to taps for water and other fluids. (28th June 1968). Accepted on 3rd October 1970.

*A chamber into which fluid flows when the tap is open, an outlet pipe or nozzle associated therewith, and the body bearing encased in an outer layer of plastic material moulded thereon.*

122091. A. R. Iyer. Improvements in or relating to work driver. Accepted on 30th September 1970.

*A shroud between the back plate and the driving plate adapted to have limited angular and radial movements relative to said plates, a front plate mounted on said shroud and a single set of clamping jaws along the circumferences of a plurality of pitch circles.*

122595. L. Singh. Mobile lighting device. Accepted on 3rd October 1970.

*Comprising two parallel channel section of conductor tracks connected to a source of electric supply with means to clamp an electric lamp between the tracks at any desired place.*

123365. Council of Scientific and Industrial Research. Bonding p.v.c. sheets to leather to produce finished leather. Accepted on 5th October 1970.

*Characterized in that pressing is done at a pressure of 150.0 to 250.0 kg./sq. cm. at 50-60°C and a dwell time of 4-10 seconds.*

123570. Merck & Co., Inc. Fungicidal and bactericidal compositions. Accepted on 5th October 1970.

*Comprises (a) 3-20% of methylenebis (thiocyanate); (b) 5-20% of a chlorinated phenol; (c) 20-60% of a diloweralkyl formamide; (d) 20-60% of alkylene glycol/mono alkyl ether; and (e) 1-10% of a alkyl aminomethyl cycloalkane.*

124671. Standard Telephones and Cables Limited. Electric cables. Accepted on 3rd October 1970.

*Comprising the manufacturing steps of simultaneously applying insulating material to each conductor and twisting two such conductors together.*

#### Patents Sealed

93170. 113453. 116158. 116201. 116312. 116535. 116750. 116983. 117004. 117166. 117173. 117252. 117359. 117468. 117521. 117551. 118043. 118942. 119081. 119110. 119189. 119620. 119801. 120158. 120274. 120311. 120329. 120400. 121234.

#### Amendment Proceeding

The amendment proposed by Toyo Rayon Company Limited who had made application for patent numbered 123543 (Title: Textile staple fibres and a method for manufacturing the same) under Section 17 of the Indian Patents and Designs Act, 1911 (read with Rule 66 of the Indian Patents and Designs Rules, 1933) regarding change of name in the application, specification and drawings to Toray Industries, Inc. has been allowed.

#### Renewal Fees Paid

55563. 56976. 58586. 58729. 58812. 58873. 58926. 59380. 61937. 62104. 62394. 62518. 63282. 65545. 65557. 65736. 65824. 65877. 66031. 69216. 69282. 69284. 69345. 69349. 69438. 69816. 70164. 70731. 73512. 73734. 73821. 73975. 74244. 74741. 78797. 78823. 78824. 78876. 78877. 78878. 79074. 79196. 79225. 79334. 79519. 83284. 84398. 84422. 84480. 84488. 84486. 84521. 84595. 84765. 85049. 85163. 85200. 85252. 85257. 85290. 85559. 85708. 85812. 87187. 88075. 88076. 89691. 90093. 90230. 90238. 90234. 90246. 90326. 90485. 90516. 90625. 90697. 90759. 90763. 90814. 90828. 90913. 91014. 91020. 91701. 91754. 93022. 95597. 95599. 95600. 95601. 95604. 95817. 95898. 95937. 95949. 95952. 95972. 96003. 96004. 96005. 96013. 96067. 96131. 96149. 96175. 96356. 96465. 96466. 96495. 96595. 96596. 96620. 96622. 96623. 96634. 96672. 96673. 97144. 97145. 97183. 100202. 101004. 101827. 101828. 101829. 101830. 101831. 101841. 101856. 101883. 101925. 101928. 102930. 102007. 102021. 102113. 102189. 102198. 102250. 102325. 102326. 102338. 102346. 102437. 102458. 102459. 102460. 102461. 102462. 102498. 102523. 102535. 102550. 102642. 102720. 102721. 103105. 103179. 103231. 103357. 103370. 103564. 103570. 103690. 103766. 104219. 104411. 104453. 104946. 105550. 106813. 106814. 107179. 107289. 107300. 107354. 107355. 107383. 107389. 107411. 107415. 107419. 107433. 107439. 107440. 107493. 107494. 107522. 107581. 107645. 107691. 107760. 107761. 107764. 107776. 107777. 107780. 107781. 107782. 107783. 107863. 107891. 108086. 108087. 108091. 108092. 108093. 108237. 108478. 109034. 109105. 109422. 109774. 110450. 111945. 112537. 112611. 112748.

#### Restoration Proceeding

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 98962—American Cyanamid Company.

Title :—Phosphinyl imides, preparation thereof, and compositions containing same.

The patent ceased on the 16th September 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 18th July 1970. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 14th November 1970.

Name Index for applicants for Patents for the month of September 1970 (Nos. 128246 to 128670).

#### Name & Application No.

A

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Adelberg, M.—128261.  
Agripat S. A.—128346.  
Ahmedabad Textile Industry's Research Association—128609.  
Aktiebolaget Tudor.—128600.  
Aktiebolaget Vibro-Verken.—128393.  
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Albright & Wilson Ltd.—128664.  
American Cyanamid Co.—128339, 128389, 128561.  
American Home Products Corp.—128407, 128408, 128409.  
Amp. Inc.—128431.  
Andhra Valley Power Supply Co. Ltd., The—128328.

| Name & Appln. No.   | Name & Application No.  |
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| <b>G</b>  | <b>I</b>  |
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| <i>U</i>  | <i>W</i>  |
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